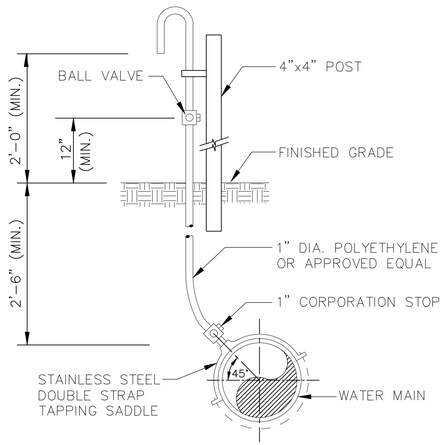
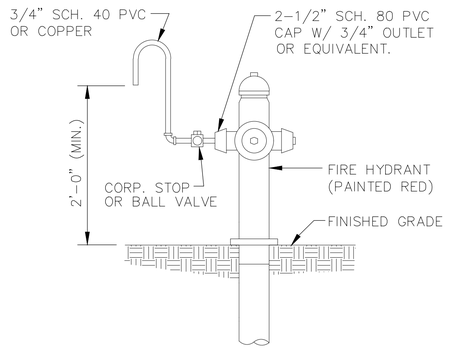



## SAMPLE POINT ( MAIN )

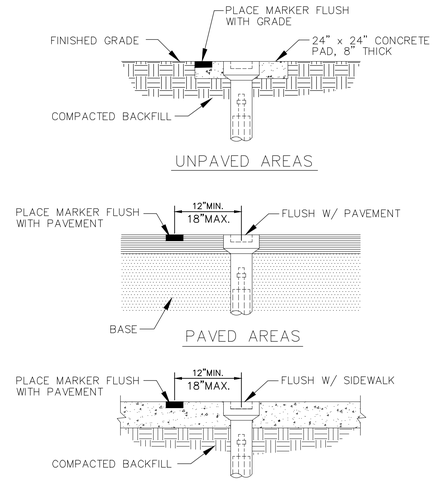
ALL D.I.P. TO BE PAINTED BLUE ON TOP HALF OF PIPE.



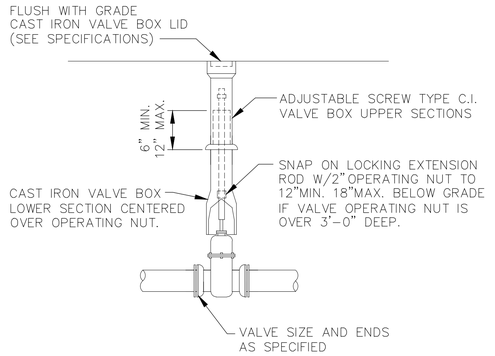

## SAMPLE POINT ( HYDRANT )

ALL POMPANO BEACH HYDRANTS SHALL BE PAINTED RED.

ALL D.I.P. TO BE PAINTED BLUE ON TOP HALF OF PIPE.




## VALVE BOX SETTINGS




## GATE OR PLUG VALVE SETTING

USE MEGALUGS AT ALL PIPE JOINTS

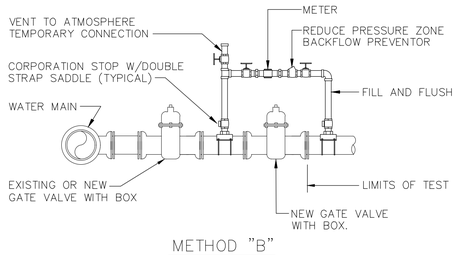
ALL D.I.P. TO BE PAINTED BLUE ON TOP HALF OF PIPE.

| ENGINEERING STANDARDS 2022 | | | | | |
|---|---|---|---|---|---|
| REVISIONS BY | DATE | ENGINEERING DIVISION CITY OF POMPANO BEACH | SAMPLE POINT (MAIN) | DATE: MAY 2022 | |
| S.S. | 04-2005 | | | DWG. NO. | 100-1 |
| | | SCALE: N.T.S. | | | |

| ENGINEERING STANDARDS 2022 | | | | | |
|---|---|---|---|---|---|
| REVISIONS BY | DATE | ENGINEERING DIVISION CITY OF POMPANO BEACH | SAMPLE POINT (HYDRANT) | DATE: MAY 2022 | |
| S.S. | 04-2005 | | | DWG. NO. | 101-1 |
| | | SCALE: N.T.S. | | | |

| ENGINEERING STANDARDS 2022 | | | | | |
|---|---|---|---|---|---|
| REVISIONS BY | DATE | ENGINEERING DIVISION CITY OF POMPANO BEACH | VALVE BOX SETTINGS | DATE: MAY 2022 | |
| S.S. | 04-2005 | | | DWG. NO. | 102-1 |
| | | SCALE: N.T.S. | | | |

| ENGINEERING STANDARDS 2022 | | | | | |
|---|---|---|---|---|---|
| REVISIONS BY | DATE | ENGINEERING DIVISION CITY OF POMPANO BEACH | GATE OR PLUG VALVE SETTINGS | DATE: MAY 2022 | |
| S.S. | 04-2005 | | | DWG. NO. | 103-1 |
| T.W. | 11-2007 | SCALE: N.T.S. | | | |



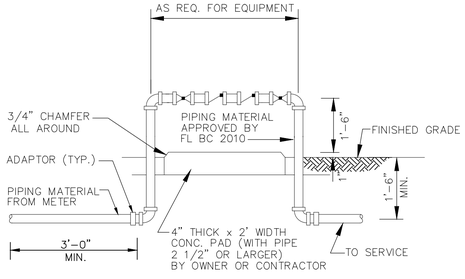

## METHOD "B"

NOTES:

1. WATER MAIN TO BE PRESSURE TESTED AND DISINFECTED ACCORDING TO BROWARD COUNTY PUBLIC HEALTH UNIT REGULATIONS, AWWA, AND MUNICIPAL SPECIFICATIONS IN EFFECT.
2. BACTERIOLOGICAL TESTS ARE TO BE PERFORMED BY THE CONTRACTOR AND AN APPROVED TESTING LABORATORY.
3. REMOVE TEMPORARY CONNECTION AT SADDLE ON NEW MAINS AFTER FILLING AND FLUSHING HAS BEEN COMPLETED AND REPLACE WITH BRASS PLUG
4. PROVIDE ALL NECESSARY THRUST BLOCKS OR OTHER RESTRAINTS.
5. FILLING AND FLUSHING LOCATIONS SHALL BE COORDINATED BY THE CONTRACTOR, ENGINEER, AND CITY.
6. VENT TO ATMOSPHERE SHALL REMAIN OPEN DURING ALL PHASES OF PRESSURE TESTING.
7. AFTER COMPLETION FILL AND FLUSH CONNECTION
8. USE MEGALUGS AT ALL PIPE JOINTS

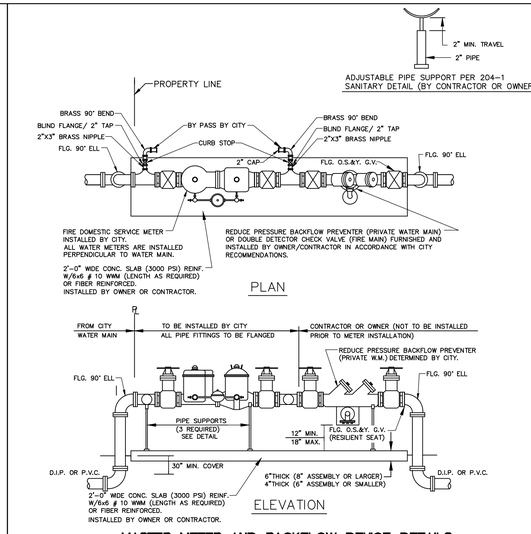
## FILLING AND FLUSHING CONNECTION

ALL D.I.P. TO BE PAINTED BLUE ON TOP HALF OF PIPE.




## BACKFLOW PREVENTER

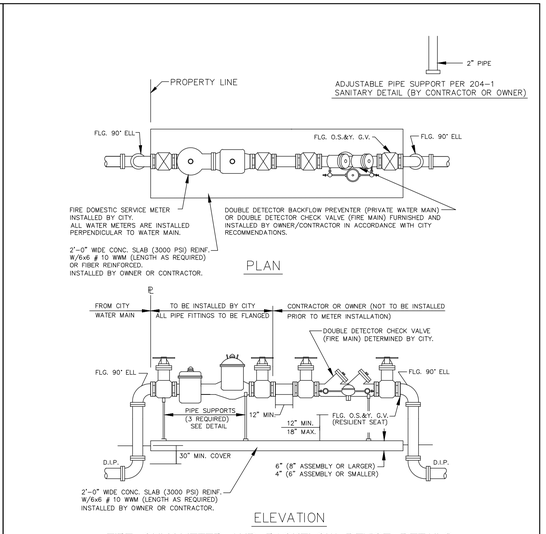
USE MEGALUGS AT ALL PIPE JOINTS 3" AND LARGER
PLEASE SEE METER INSTALL DIMENSION LIST ON STANDARD NO. 106-4
SMALL UNITS UNI-STRUT SUPPORT




### MASTER METER AND BACKFLOW DEVICE DETAILS FIRE AND DOMESTIC COMBINED SOURCE

NOTES

1. THE BACKFLOW PREVENTOR FOR THE BY-PASS SHALL BE DDCV OR RPZ.
2. PLEASE NOTE THAT WATER METERS 3" AND LARGER ARE SUBJECT TO AN APPROXIMATE ORDER LEAD TIME OF 60 TO 75 DAYS AFTER FULL PAYMENT. PLEASE CONTACT CUSTOMER SERVICE AT 954-786-4637 TO ARRANGE FOR METER PROCUREMENT AND INSTALLATION.
3. USE MEGALUGS AT ALL PIPE JOINTS
4. PLEASE SEE METER INSTALL DIMENSION LIST ON STANDARD NO. 106-4




### FIRE ONLY METER AND BACKFLOW DEVICE DETAILS

NOTES

1. THE BACKFLOW PREVENTOR FOR THE BY-PASS SHALL BE DDCV OR RPZ.
2. PLEASE NOTE THAT WATER METERS 3" AND LARGER ARE SUBJECT TO AN APPROXIMATE ORDER LEAD TIME OF 60 TO 75 DAYS AFTER FULL PAYMENT. PLEASE CONTACT CUSTOMER SERVICE AT 954-786-4637 TO ARRANGE FOR METER PROCUREMENT AND INSTALLATION.
3. USE MEGALUGS AT ALL PIPE JOINTS
4. PLEASE SEE METER INSTALL DIMENSION LIST ON STANDARD NO. 106-4

| ENGINEERING STANDARDS 2022 | | | | | |
|---|---|---|---|---|---|
| REVISIONS BY | DATE | ENGINEERING DIVISION CITY OF POMPANO BEACH | FILLING / FLUSHING CONNECTION | DATE: MAY 2022 | |
| S.S. | 04-2005 | | | DWG. NO. | 104-1 |
| T.W. | 11-2007 | | | | |
| S.S. | 01-2012 | SCALE: N.T.S. | | | |

| ENGINEERING STANDARDS 2022 | | | | | |
|---|---|---|---|---|---|
| REVISIONS BY | DATE | ENGINEERING DIVISION CITY OF POMPANO BEACH | BACKFLOW PREVENTER | DATE: MAY 2022 | |
| T.W. | 04-2008 | | | DWG. NO. | 106-1 |
| S.S. | 03-2009 | | | | |
| S.S. | 11-2012 | SCALE: N.T.S. | | | |
| S.S. | 01-2013 | | | | |

| ENGINEERING STANDARDS 2022 | | | | | |
|---|---|---|---|---|---|
| REVISIONS BY | DATE | ENGINEERING DIVISION CITY OF POMPANO BEACH | MASTER METER AND BACKFLOW DEVICE | DATE: MAY 2022 | |
| S.S. | 05-2011 | | | DWG. NO. | 106-2 |
| S.S. | 11-2012 | | | | |
| S.S. | 12-2013 | SCALE: N.T.S. | | | |
| S.S. | 11-2016 | | | | |

| ENGINEERING STANDARDS 2022 | | | | | |
|---|---|---|---|---|---|
| REVISIONS BY | DATE | ENGINEERING DIVISION CITY OF POMPANO BEACH | FIRE ONLY METER AND BACKFLOW DEVICE | DATE: MAY 2022 | |
| S.S. | 05-2011 | | | DWG. NO. | 106-3 |
| S.S. | 11-2012 | | | | |
| S.S. | 12-2013 | SCALE: N.T.S. | | | |
| S.S. | 11-2016 | | | | |

DRC

PZ25-12000010
03/06/2025

KEITH
301 East Atlantic Blvd.
Pompano Beach, FL 33060
PH: (954) 788-3400
Florida Engineering Business License: CA7928
Florida Surveyor and Mapper Business License: LB6860
Florida Landscape Architecture Business License: LC26000457

Plotted by: bbaldwin On 4/15/2025 5:52 PM

| REVISIONS | | |
|---|---|---|
| NO. | DESCRIPTION | DATE |
| 1 | REV. PER DRC | 11/16/2021 |
| 2 | REV. PER DRC | 11/30/2021 |

RESPONSIBILITY FOR THE USE OF THESE PLANS PRIOR TO OBTAINING PERMITS FROM ALL AGENCIES HAVING JURISDICTION OVER THE PROJECT WILL FALL SOLELY UPON THE USER.

| | |
|---|---|
| ISSUE DATE: | 02/25/25 |
| DESIGNED BY: | BB |
| DRAWN BY: | BB/FA |
| CHECKED BY: | NW |
| BID-CONTRACT: | |

This item has been digitally signed and sealed by **NILES T. WARRICK, P.E.** on the date adjacent to the seal.

NILES T. WARRICK LICENSE No. 94320 STATE OF FLORIDA PROFESSIONAL ENGINEER

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

2025.04.15 23:05:59-04'00'

**NILES T. WARRICK, P.E.**
**FLORIDA REG. NO. 94320**
**(FOR THE FIRM)**

CLIENT

**PORTMAN HOLDINGS**

PROJECT

**2400 E ATLANTIC**
**2400 East Atlantic Blvd.**
**Pompano Beach, FL**

SHEET TITLE

WATER AND SEWER DETAILS

| | |
|---|---|
| SHEET NUMBER | CU-501 |
| PROJECT NUMBER | 14267.00 |

Drawing name: H:\14267.00 - 2400 E Atlantic - Portman Holdings\Engineering\Cad\14267.00-CU-5XX.dwg

STATUS: DRC SET